

Please type a plus (+) sign in this box →

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non-provisional applications under 37 C.F.R. § 1.53(B))

Attorney Docket No. B04.12-0071

First Inventor or Application Identifier John A. Severson et al.

Title LIQUID WATER CONTENT MEASUREMENT APPARATUS AND METHOD USING RATE OF CHANGE OF ICE ACCRETION

Express Mail Label No. EV178018695US

10/628551

1447 U
10/628551
1447 U
10/628551

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Address To: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

- | | |
|---|---|
| 1. <input checked="" type="checkbox"/> *Fee Transmittal Form e.g., PTO/SB17) (Submit an original and a duplicate for fee processing) | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer program (Appendix) |
| 2. <input type="checkbox"/> Applicant Claims small entity status | 8. Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary) |
| 3. <input checked="" type="checkbox"/> Specification [Total Sheets 27] | a. <input type="checkbox"/> Computer Readable Copy |
| (preferred arrangement set forth below) | |
| - Descriptive title of the Invention | |
| - Cross References to Related Applications | |
| - Statement Regarding Fed sponsored R & D | |
| - Reference to Microfiche Appendix | |
| - Background of the Invention | |
| - Brief Summary of the Invention | |
| - Brief Description of the Drawings (if filed) | |
| - Detailed Description | |
| - Claim(s) | |
| - Abstract of the Disclosure | |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. § 113) [Total Sheets 9] | 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) |
| 5. Oath or Declaration [Total Sheets 3] | 10. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney (when there is an assignee) |
| a. <input checked="" type="checkbox"/> Newly executed (original or copy) | 11. <input type="checkbox"/> English Translation Document (if applicable) |
| b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 18 completed) | 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO - 1449 <input checked="" type="checkbox"/> Copies of IDS Citations |
| i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§1.63(d)(2) and 1.33(b). | 13. <input type="checkbox"/> Preliminary Amendment |
| 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: | 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) |
| <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input checked="" type="checkbox"/> Continuation-in part (CIP) | 16. <input type="checkbox"/> Nonpublication Request Under 35 USC 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent |
| Prior application information: Examiner _____ | 17. <input type="checkbox"/> Other: _____ |

- a. Newly executed (original or copy)
- b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§1.63(d)(2) and 1.33(b).

ACCOMPANYING APPLICATION PARTS

- 9. Assignment Papers (cover sheet & document(s))
- 10. 37 C.F.R. § 3.73(b) Statement Power of Attorney
(when there is an assignee)
- 11. English Translation Document (if applicable)
- 12. Information Disclosure Statement (IDS)/PTO - 1449 Copies of IDS Citations
- 13. Preliminary Amendment
- 14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- 15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- 16. Nonpublication Request Under 35 USC 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
- 17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in part (CIP) of prior application No: 10/ 401,650

Prior application information: Examiner _____ Group/Art Unit: 2863

FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

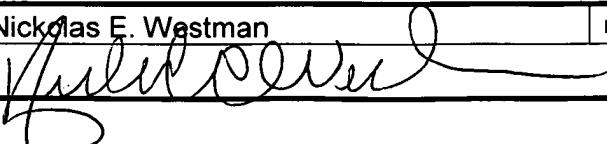
17. CORRESPONDENCE

Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or Correspondence address below

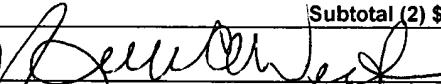
| | | | | | |
|---------|--|-----------|----------------|----------|--------------------|
| Name | Nickolas E. Westman WESTMAN CHAMPLIN & KELLY | | | | |
| Address | Suite 1600 – International Centre 900 South Second Avenue | | | | |
| City | Minneapolis | State | MN | Zip Code | 55402-3319 |
| Country | USA | Telephone | (612) 334-3222 | | Fax (612) 334-3312 |

| | | | |
|-------------------|---|-----------------------------------|---------|
| Name (Print/type) | Nickolas E. Westman | Registration No. (Attorney/Agent) | 20,147 |
| Signature |  | Date | 7/28/03 |

1
9623 U.S. PTO
07/28/03

FEE TRANSMITTAL

| Complete if Known | | | | | | | | | | | | | | | | | | | | | |
|---|------|--------------|--|-----------------|----------|--------------|--|--------------|--|-----------------|----------|-----|-----|-----|-----|------|------|------|------|--|--|
| Application No. | | | | | | | | | | | | | | | | | | | | | |
| Filing Date | | | HEREWITH | | | | | | | | | | | | | | | | | | |
| First Named Inventor | | | John A. Severson et al. | | | | | | | | | | | | | | | | | | |
| Title | | | LIQUID WATER CONTENT MEASUREMENT APPARATUS AND METHOD USING RATE OF CHANGE OF ICE ACCRETION | | | | | | | | | | | | | | | | | | |
| Group Art Unit | | | | | | | | | | | | | | | | | | | | | |
| Examiner Name | | | | | | | | | | | | | | | | | | | | | |
| Total Amount of Payment \$ 790 | | | Atty. Docket Number B04.12-0071 | | | | | | | | | | | | | | | | | | |
| METHOD OF PAYMENT (Check One) | | | FEE CALCULATION (Continued) | | | | | | | | | | | | | | | | | | |
| 1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. <u>23-1123</u> . Westman, Champlin & Kelly, P.A. | | | 3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee</th> <th>Fee</th> <th>Fee</th> <th>Fee</th> </tr> </thead> <tbody> <tr> <td>Code</td> <td>(\$)</td> <td>Code</td> <td>(\$)</td> <td></td> <td></td> </tr> </tbody> </table> | | | Large Entity | | Small Entity | | Fee Description | Fee Paid | Fee | Fee | Fee | Fee | Code | (\$) | Code | (\$) | | |
| Large Entity | | Small Entity | | Fee Description | Fee Paid | | | | | | | | | | | | | | | | |
| Fee | Fee | Fee | Fee | | | | | | | | | | | | | | | | | | |
| Code | (\$) | Code | (\$) | | | | | | | | | | | | | | | | | | |
| 2. <input checked="" type="checkbox"/> PTO Form 2038 Enclosed | | | 1051 | 130 | 2051 | 65 | Surcharge - Late filing fee or oath | | | | | | | | | | | | | | |
| | | | 1052 | 50 | 2052 | 25 | Surcharge - Late provisional Filing Fee or cover sheet | | | | | | | | | | | | | | |
| | | | 1053 | 130 | 1053 | 130 | Non-English specification | | | | | | | | | | | | | | |
| | | | 1812 | 2,520 | 1812 | 2,520 | For Filing a Request for Reexamination. (ex parte) | | | | | | | | | | | | | | |
| | | | 1251 | 110 | 2251 | 55 | Extension for reply within first month | | | | | | | | | | | | | | |
| | | | 1252 | 410 | 2252 | 205 | Extension for reply within second month | | | | | | | | | | | | | | |
| | | | 1253 | 930 | 2253 | 465 | Extension for reply within third month | | | | | | | | | | | | | | |
| | | | 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | | | | | | | | | | | | | | |
| | | | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | | | | | | | | | | | | | | |
| | | | 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | | | | | | | | | | | | | | |
| | | | 1403 | 280 | 2403 | 140 | Request for oral hearing | | | | | | | | | | | | | | |
| | | | 1814 | 110 | 2814 | 55 | Terminal Disclaimer Fee | | | | | | | | | | | | | | |
| | | | 1452 | 110 | 2452 | 55 | Petition to Revive - unavoidable | | | | | | | | | | | | | | |
| | | | 1453 | 1,300 | 2453 | 650 | Petition to Revive - unintentional | | | | | | | | | | | | | | |
| | | | 1501 | 1,300 | 2501 | 650 | Utility/Reissue issue fee (inc. advance copies) | | | | | | | | | | | | | | |
| | | | 1502 | 470 | 2502 | 235 | Design issue fee (inc. advance copies) | | | | | | | | | | | | | | |
| | | | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | | | | | | | | | | | | | | |
| | | | 1807 | 50 | 1807 | 50 | Petitions related to provisional applications | | | | | | | | | | | | | | |
| | | | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Statement | | | | | | | | | | | | | | |
| | | | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) 40 | | | | | | | | | | | | | | |
| | | | Other Fee (specify) _____ | | | | | | | | | | | | | | | | | | |
| | | | Subtotal (3) \$40 | | | | | | | | | | | | | | | | | | |

Signature 
 (Nickolas E. Westman)

Reg. No. 20,147

Date July 28, 2013

Deposit Account No. 23-1123